Migration giống như 1 Version Control dùng để kiểm soát ai đã tạo database nào, chỉnh sửa column gì !

Sequelize CLI hỗ trợ 2 method : up, down được tự động gọi bởi sequelize mỗi khi tạo và destroy table

Install

npm install --save-dev sequelize-cli

npx sequelize-cli init

Create Model (tạo ở nodejs)

npx sequelize-cli model:generate --name User --attributes firstName:string,lastName:string,email:string

Running Migration (chạy lệnh)

npx sequelize-cli db:migrate

Undo Migration

Undo Last

npx sequelize-cli db:migrate:undo

Undo All

npx sequelize-cli db:migrate:undo:all --to XXXXXXXXXXXXXX-create-posts.js

--to là để chọn revert tới chỗ nào

Create Seed

npx sequelize-cli seed:generate --name demo-user

Up: khi chạy db:migrate

Down: khi chạy db:migrate:undo

Commit Seeds

npx sequelize-cli db:seed:all

Undo Seed

last

npx sequelize-cli db:seed:undo

specific

npx sequelize-cli db:seed:undo --seed name-of-seed-as-in-data

all

npx sequelize-cli db:seed:undo:all

Seed with transaction

module.exports = {

up: (queryInterface, Sequelize) => {

return queryInterface.sequelize.transaction(t => {

return Promise.all([

queryInterface.addColumn('Person', 'petName', {

type: Sequelize.DataTypes.STRING

}, { transaction: t }),

queryInterface.addColumn('Person', 'favoriteColor', {

type: Sequelize.DataTypes.STRING,

}, { transaction: t })

]);

});

},

down: (queryInterface, Sequelize) => {

return queryInterface.sequelize.transaction(t => {

return Promise.all([

queryInterface.removeColumn('Person', 'petName', { transaction: t }),

queryInterface.removeColumn('Person', 'favoriteColor', { transaction: t })

]);

});

}

};